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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Rajeev Shorey, et al.

Docket No. JP920000271US1

Serial No. 09/718,679

Group Art Unit: 2152

Filed: November 22, 2000

Examiner:

Batch No.:

Confirmation No.: 5343

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For: METHODOLOGY FOR IMPROVING TCP THROUGHPUT OVER LOSSY  
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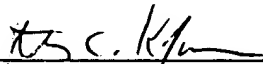
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Washington, D.C. 20231

**SUBMISSION OF FORMAL DRAWINGS**

Sir:

Submitted herewith are Eleven (11) Formal Drawing sheets for filing in the  
above-identified application.

Respectfully submitted,

  
\_\_\_\_\_  
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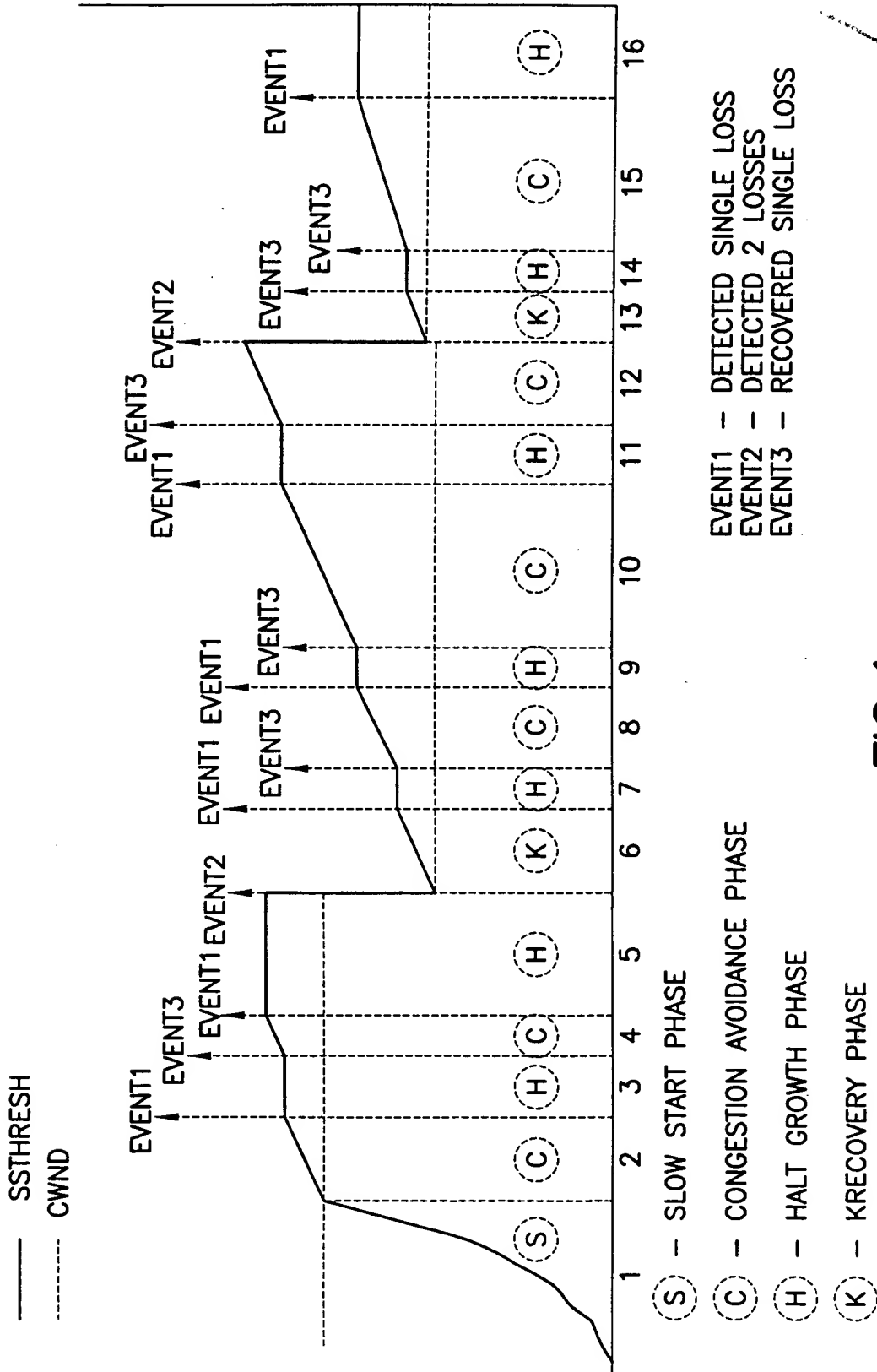


FIG.1

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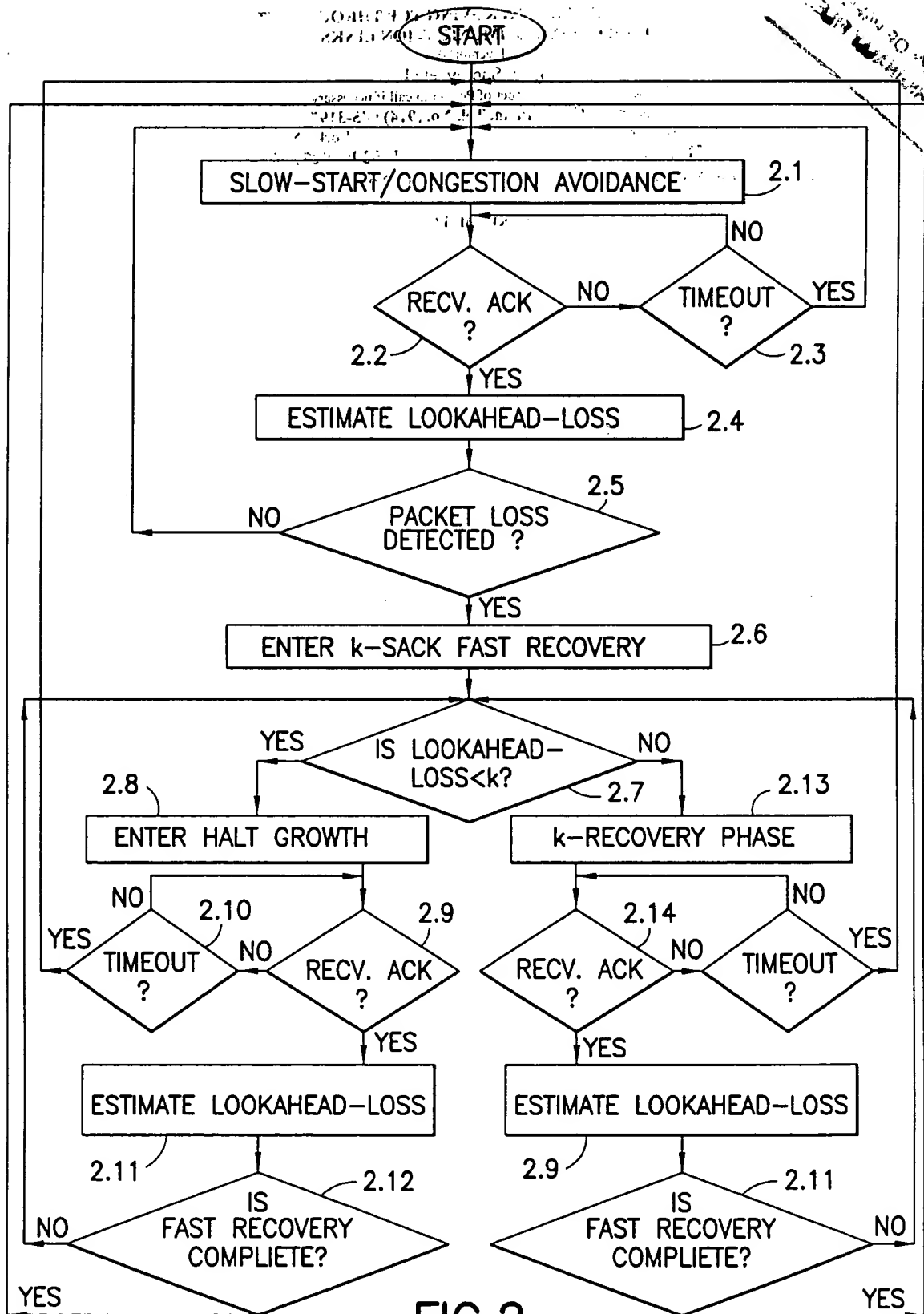
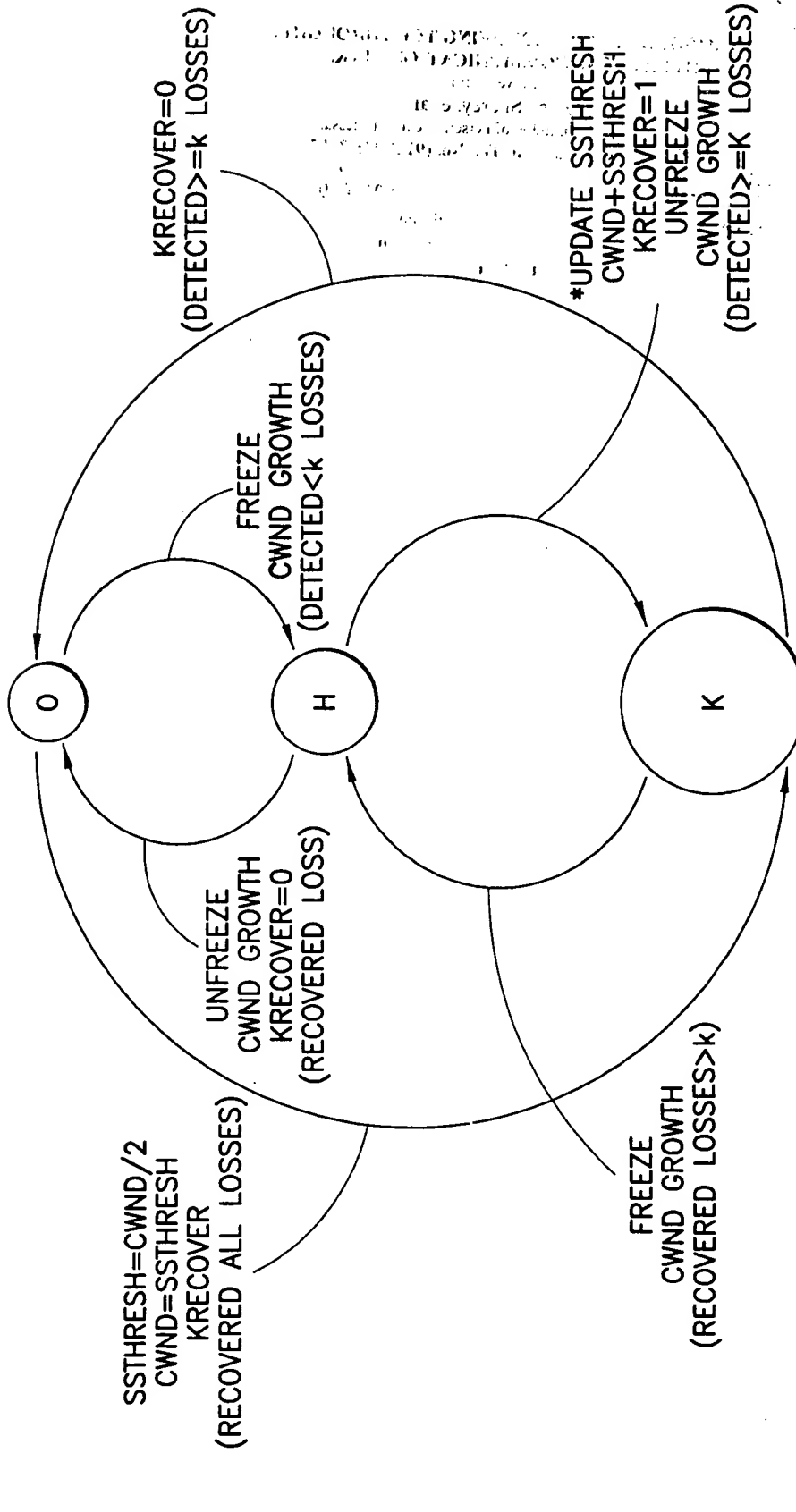


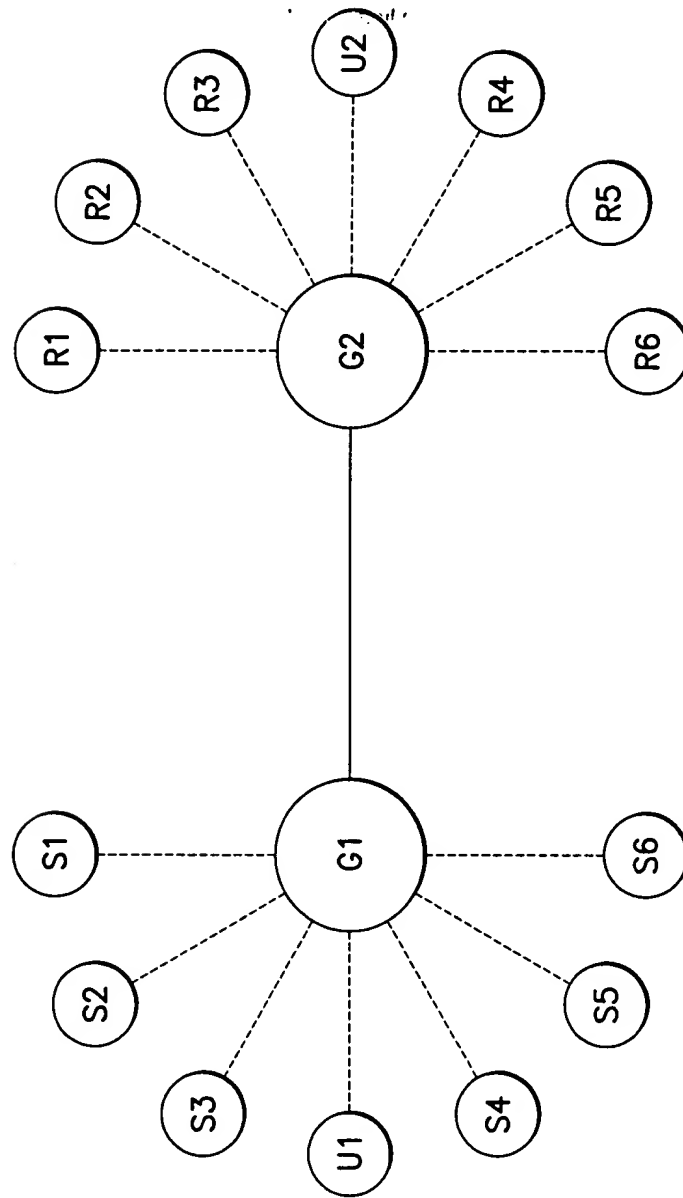
FIG. 2



- (O) - SLOW START/CONGESTION AVOIDANCE PHASE
- (H) - HALT GROWN PHASE
- (K) - KRECOVERY PHASE

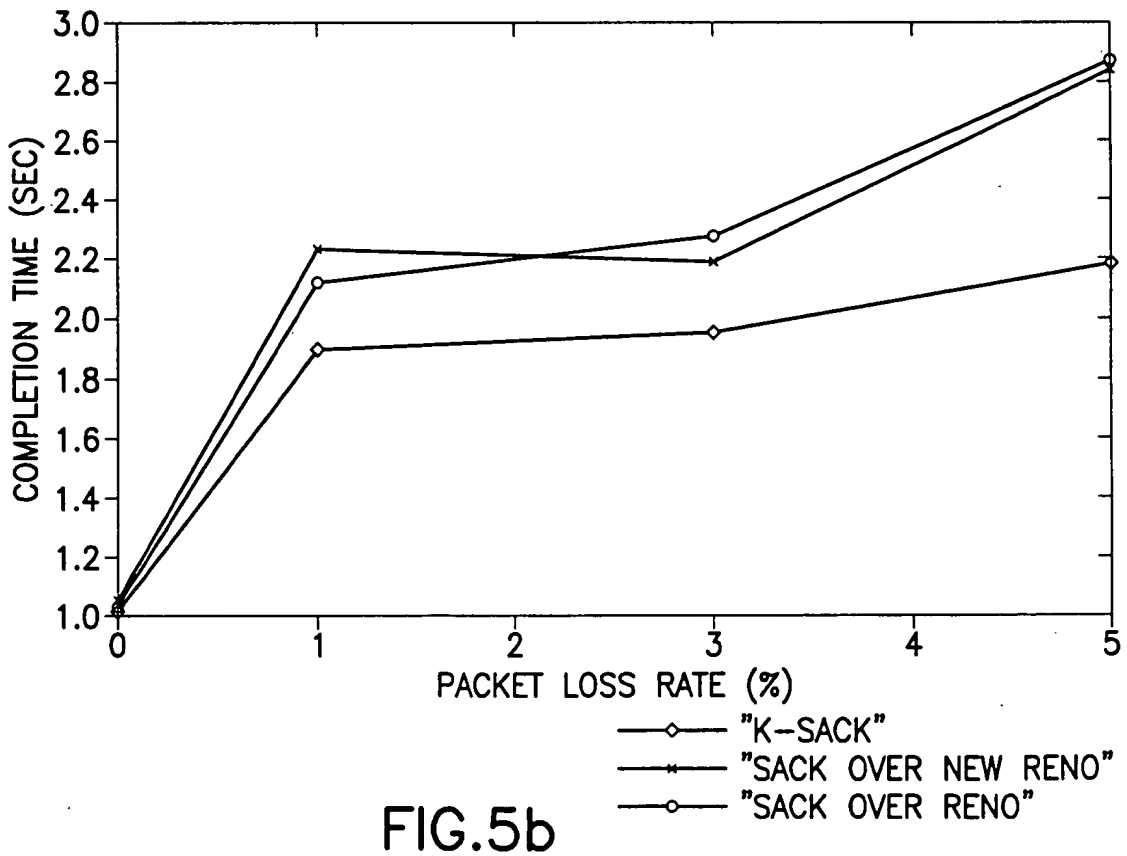
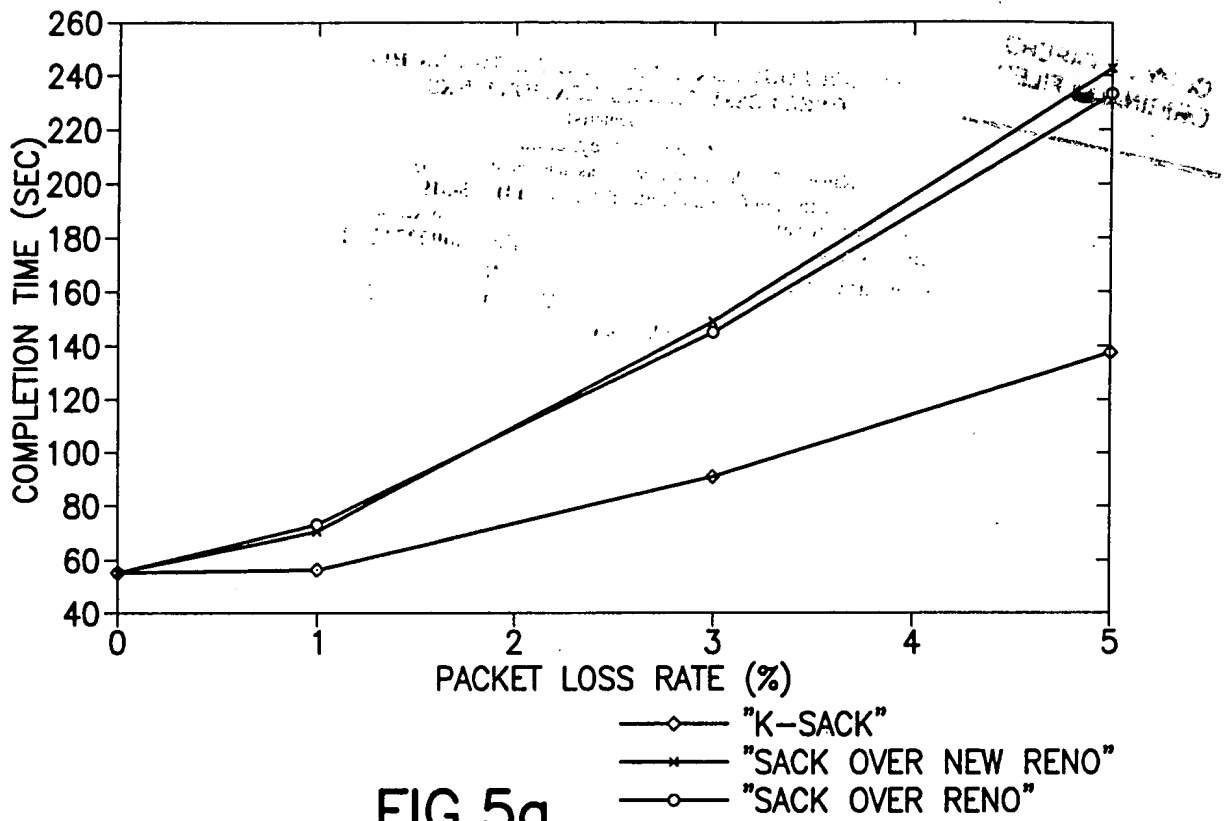
\* IF KRECOVER=0 SSTHRESH=CWND/2  
ELSE SSTHRESH=SSTHRESH

FIG.3



— 10 Mbps, 5 msec  
- - - 100 Mbps, 8 msec

FIG.4



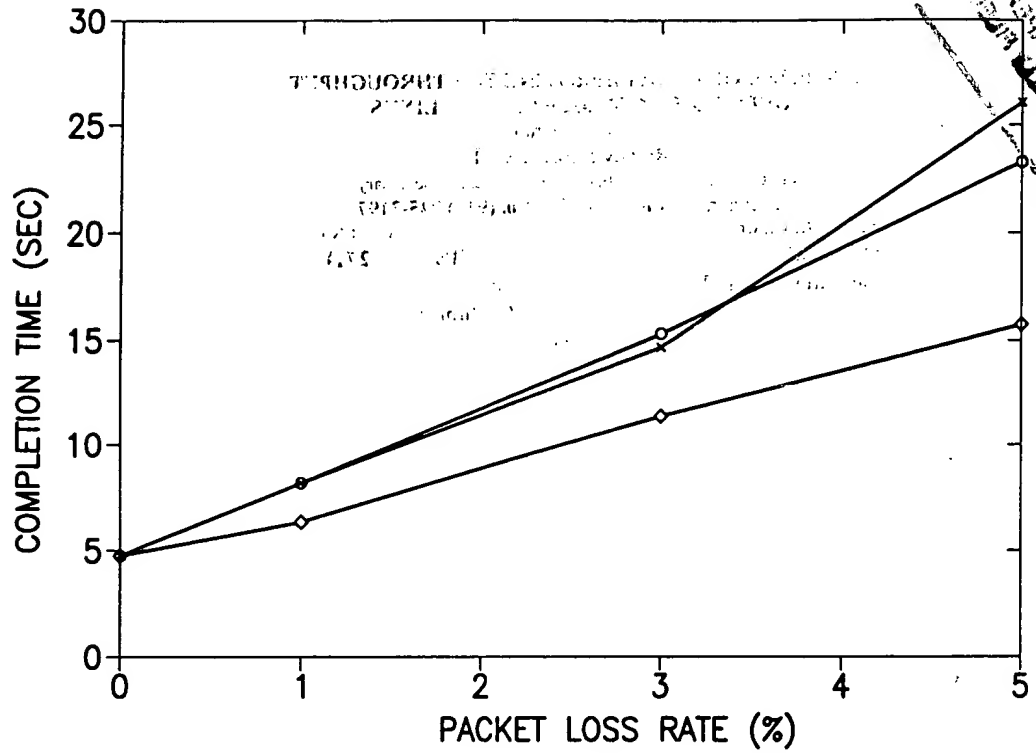


FIG. 6a

—◇—"K-SACK"  
—\*—"SACK OVER NEW RENC"  
—○—"SACK OVER RENO"

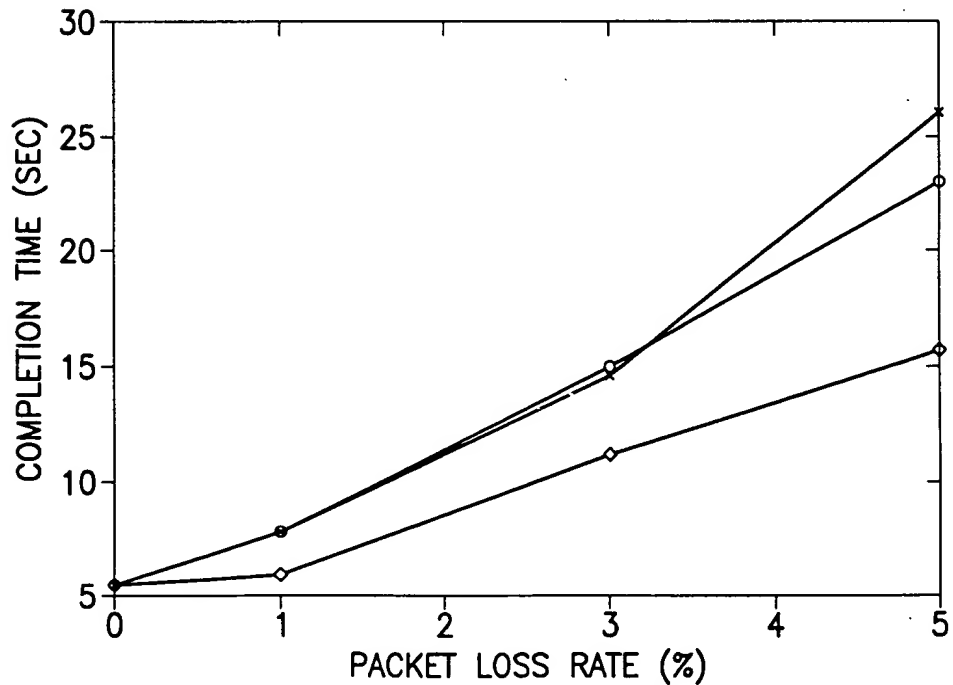
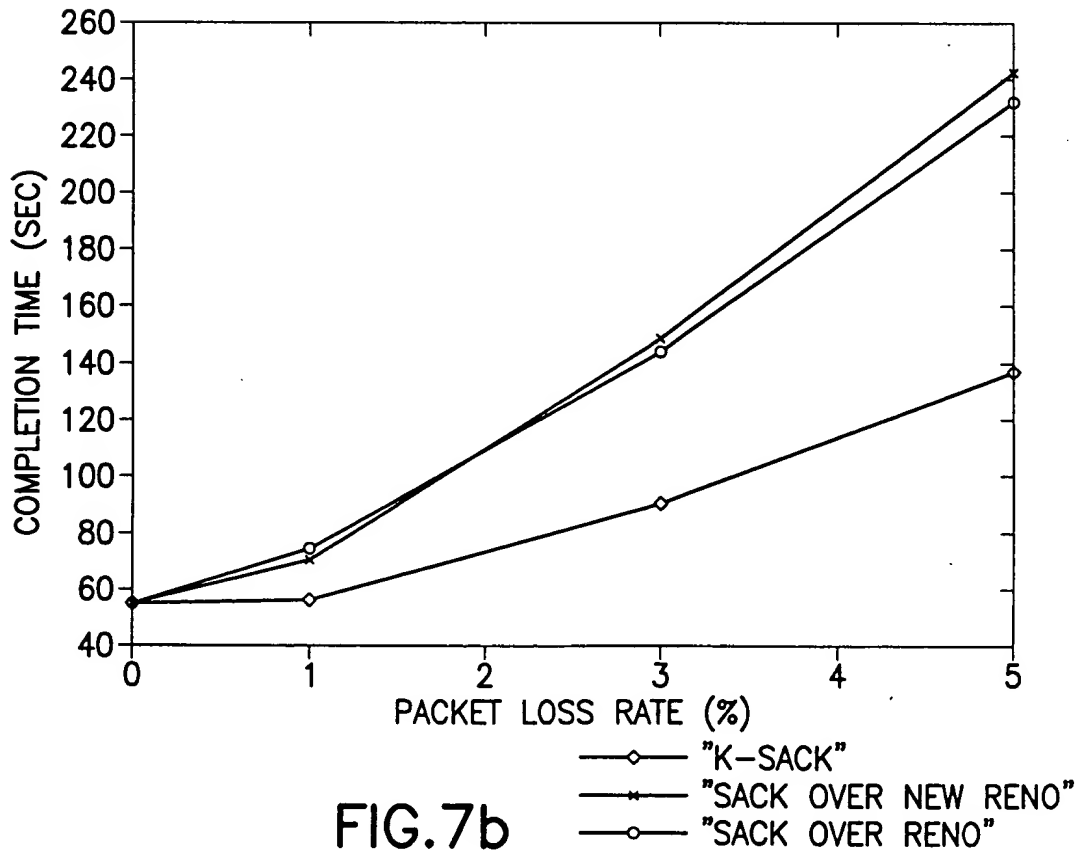
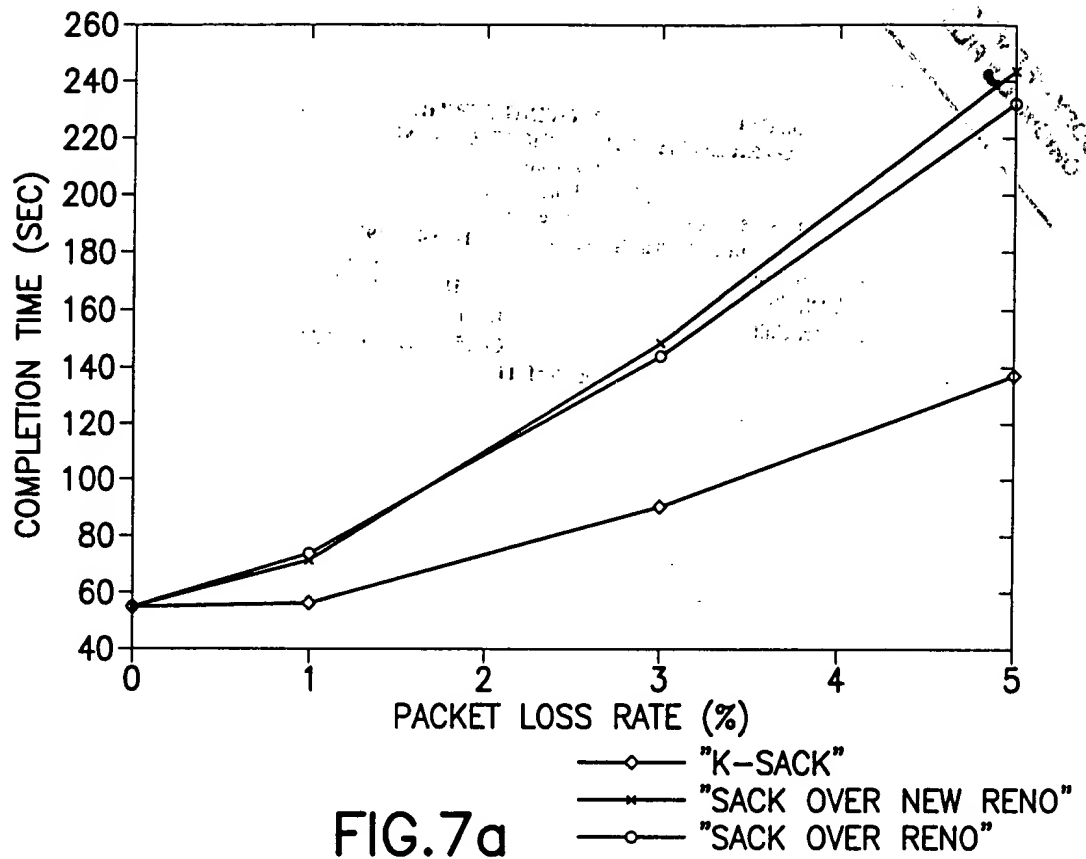


FIG. 6b

—◇—"K-SACK"  
—\*—"SACK OVER NEW RENO"  
—○—"SACK OVER RENO"





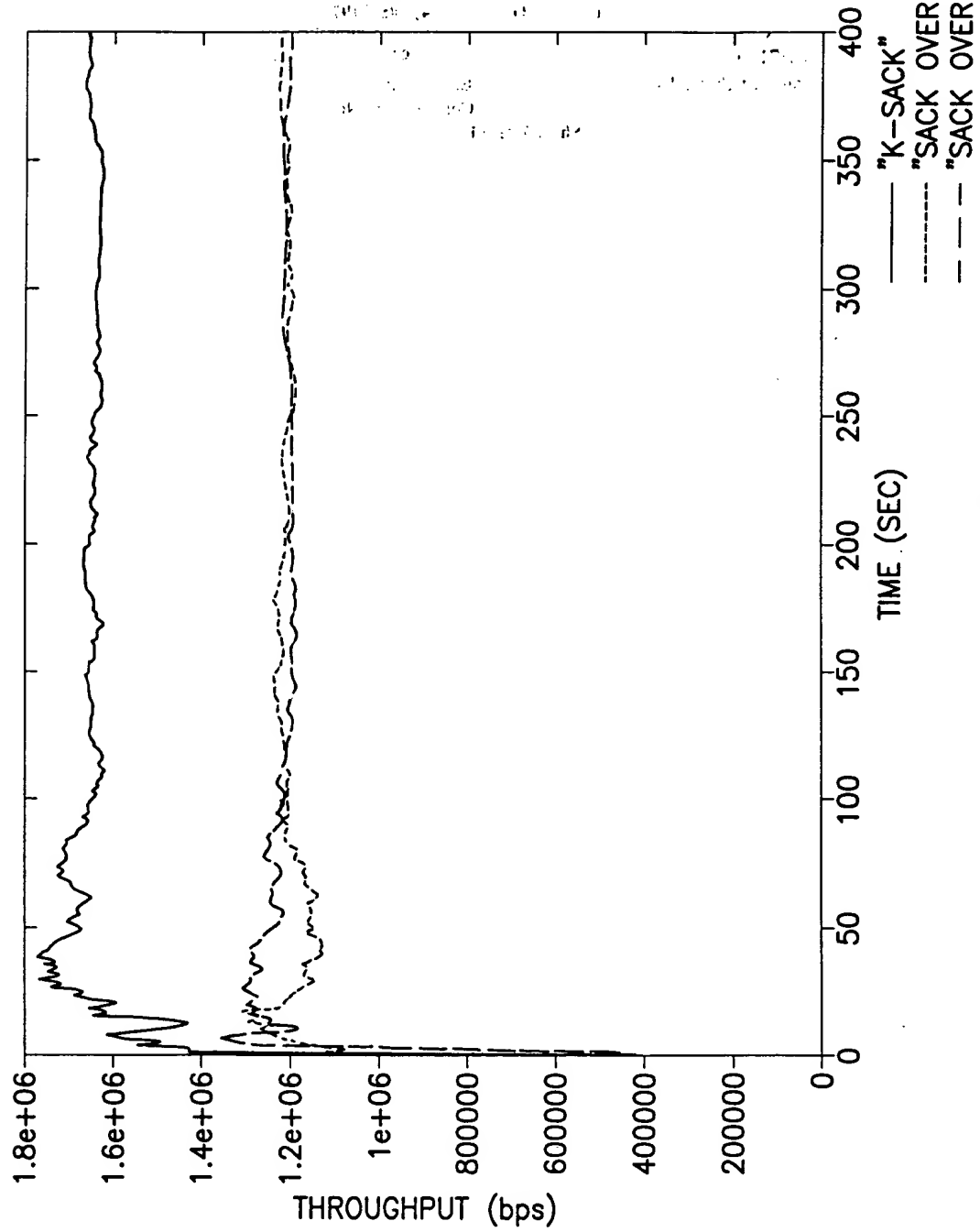


FIG.8

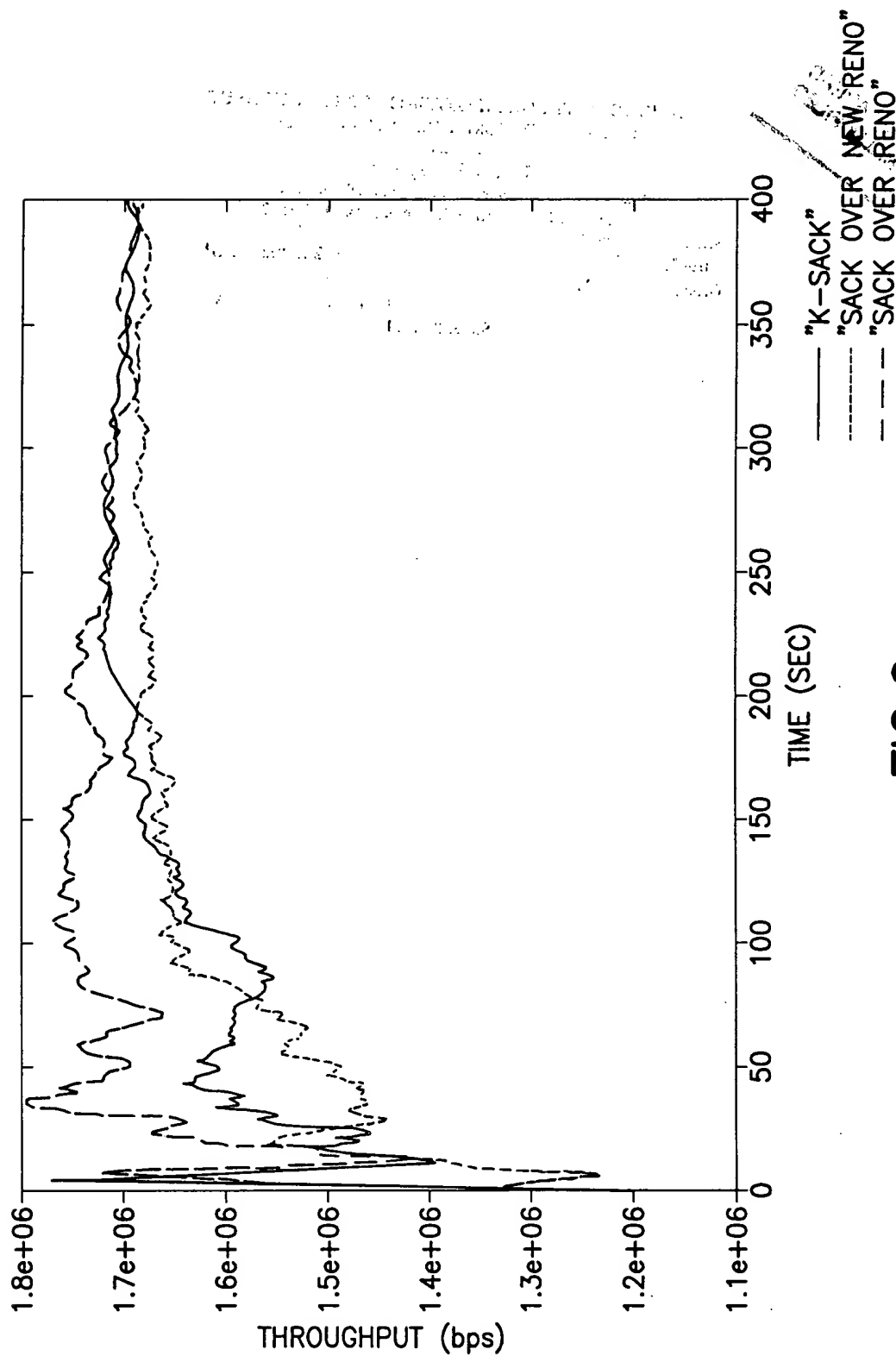


FIG.9

